

METHODS AND SYSTEMS FOR USAGE-BASED PRODUCT DEFINITION

ABSTRACT OF THE DISCLOSURE

Methods and systems for usage-based product definition are disclosed. In one
5 embodiment, a method includes instantiating one or more usage-based product definition
inputs, and assessing at least one of an applicability expression, an engineering requirement,
and a manufacturing availability expression. The method further includes generating the
product definition based on at least some of the usage-based product definition inputs,
applicability expressions, engineering requirements, and manufacturing availabilities. In
10 alternate embodiments, the instantiating may include transforming a coordinate system of a
component from a component-centered coordinate system to a product-centered coordinate
system.

